

P23556.A06

Application No. 10/618,687

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Tetsuro OGAWA et al.

Group Art Unit: 1755

Appln. No. : 10/618,687

Examiner: Group

Filed : July 15, 2003

For : CaO SiO<sub>2</sub> BASED BIOACTIVE GLASS AND SINTERED CALCIUM  
PHOSPHATE GLASS USING SAME

**THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop AMENDMENT  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir :

Further to the Information Disclosure Statements filed October 15, 2003, December 15, 2003 and December 6, 2004, and in accordance with the duty of disclosure under 37 C.F.R. 1.56, 1.97, and 1.98, Applicants hereby bring the following additional documents to the attention of the Examiner in charge of the above-identified application, which were cited in related commonly assigned copending Application No. 10/956, 557, which is published as U.S. Published Patent Application No. 2005-0079226 A1, and which is utilized in an obviousness-type double patenting rejection in the office Action mailed April 6, 2005.

Japanese Patent No. 3308355, together with an English language translation of the same;

Japanese Patent No. 2934090, together with an English language translation of the same;

Japanese Laid-Open Patent Publication No. SHO 60-239341, together with an English language translation of the same;

Japanese Laid-Open Patent Publication No. HEI 6-22574, together with an English language translation of the same;

Japanese Patent No. 2898331, together with patent family member U.S. Patent No. 5,356,436; and

U.S. Patent No. 5,232,878.

WO 03/018496;

U.S. Patent No. 4,329,113;

U.S. Patent No. 4,871,384;

U.S. Patent No. 4,731,394;

U.S. Patent No. 3,981,736; and

WO 03/062163.

Still further, Applicants submit herewith an Examiner's Report from the United Kingdom Office in the counterpart UK application.

Applicants note that this document cites the following documents:

JP 61205637 A;

U.S. Patent No. 5,634,956;

U.S. Patent No. 4,708,652;

U.S. Patent No. 4,135,935;

EP 1434742 A;  
U.S. Patent No. 4,652,534;  
U.S. Patent No. 4,497,629;  
U.S. Patent No. 6,130,178;  
GB 2080281 A;  
DD 247574 A;  
U.S. Patent No. 5,120,340  
WO 94/04657 A; and  
JP 63-242944 A.

With the exception of EP 1434742 A, which is a republication of WO 03/031356 A1, each of these document cited in the Examiner's Report is of record in the instant application. Accordingly, of the documents cite in the UK Examiner's Report, only a copy of WO 03/031356 A1 is being submitted and being listed on the Form PTO-1449 submitted herewith.

Further to the U.S. Patent and Trademark Office's decision to waive requirements under 37 C.F.R 1.98, copies of the U.S. patents and U.S. published patent applications are not enclosed herewith. However, if any copies are needed, the Examiner is respectfully requested to contact the undersigned.

Copies of the above-noted documents are enclosed together with a duly completed Form PTO-1449. The Examiner is accordingly requested to consider each of these documents, and to make them of record in this application by initialing in the appropriate spaces on the Form-1449. Applicant respectfully requests that the Examiner

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include a copy of the initialed Form PTO-1449 with the next communication from the U.S. Patent and Trademark Office.

Applicants note that this disclosure statement is being filed after first action on the merits, but prior to issuance of an office action closing prosecution. Therefore, a check including the amount of \$180.00 is enclosed. However, if the fee is deficient and/or if any additional fee is required for consideration of this disclosure statement, including any fee under 37 C.F.R. 1.17(p), Applicants hereby authorize that any required fee be charged to Deposit Account No. 19-0089.

Any comments or questions concerning this application can be directed to the undersigned at the telephone number given below.

Respectfully submitted,  
Tetsuro OGAWA et al.

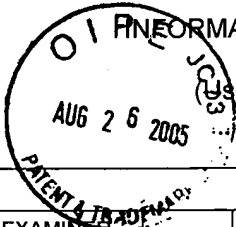


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FORM PTO-1449

Department of Commerce  
Patent and Trademark OfficeAtty. Docket  
P23556Application No.  
10/618,687Applicant  
Tetsuro OGAWA et al.Filing Date  
July 15, 2003Group  
1755

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 3 5 6 4 3 6	10/18/94	NONAMI et al.			
	5 2 3 2 8 7 8	08/03/93	KASUGA ET AL.			
	4 3 2 9 1 1 3	05/11/82	AYACHE et al.			
	4 8 7 1 3 8 4	10/03/89	KASUGA			
	4 7 3 1 3 9 4	03/15/88	VOGEL et al.			
	3 9 8 1 7 3 6	08/21/76	BROEMER et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	3 3 0 8 3 5 5	05/17/02	JAPAN			X
	2 9 3 4 0 9 0	05/28/99	JAPAN			X
60	- 2 3 9 3 4 1	11/28/85	JAPAN			X
	6 - 2 2 5 7 4	03/30/94	JAPAN			X
	2 8 9 8 3 3 1	03/12/99	JAPAN			
03	/ 0 1 8 4 9 6	03/06/03	W.I.P.O			
03	/ 0 6 2 1 6 3	07/31/03	W.I.P.O			
03	/ 0 3 1 3 5 6	04/17/03	W.I.P.O			
	1 4 3 4 7 4 2	04/17/03	E.P.O			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.